

Converting Colors

Hex(224A62)

Have a look what the booklet for
Hex(224A62) contains.

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Color

Hex(224A62)

Conversions

Conversions Part 1

Format	Color
Hex	224A62
RGB	34, 74, 98
RGB Percent	13%, 29%, 38%
CMY	0.8667, 0.7098, 0.6157
CMYK	0.65, 0.24, 0.00, 0.62
HSL	202°, 48%, 26%
HSV	202°, 65%, 38%
XYZ	5.3131, 6.1195, 12.4564
YIQ	64.7760, -31.5440, -1.0160

Conversions

Conversions Part 2

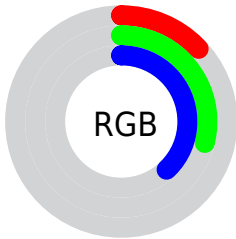
Format	Color
R_{YB}	34, 59, 98
Decimal	2247266
CIE _{Lab}	29.71, -5.86, -18.28
CIE _{LCh}	30, 19.191, 252.235
Yxy	6.1195, 0.2224, 0.2562
Android (android.graphics.Color)	4280437346 (0xFF224A62)
YUV	64.7760, 16.3794, -26.9906
Hunter-Lab	24.7376, -4.9530, -12.5387




Details

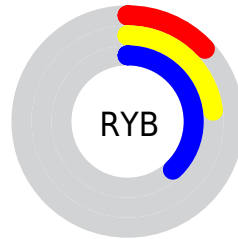
The Hex color **224A62** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **623A22**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **557B95**, and **001E33** is the 20% darker color. If you saturate the color by 10%, you get **184662**, and if you desaturate by 10%, it is **2C4E62**.

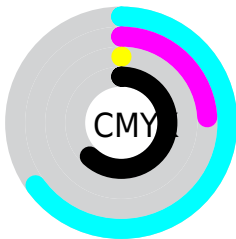
Distribution







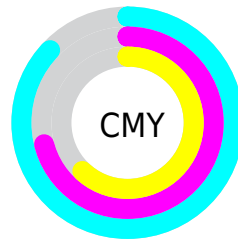
-  Red (13%)
-  Green (29%)
-  Blue (38%)






-  Red (13%)
-  Yellow (23%)
-  Blue (38%)



-  Cyan (65%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (87%)
-  Magenta (71%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224A62 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 224A62 by changing the saturation by 10% instead.

■ 224A62

■ 224A62

FFFFFF

■ 02334A

■ 557B95

■ 001E33

■ 6F94AF

■ 00021F

■ 8AAFCB

■ 000001

■ A5CAE7

■ 000000

■ C1E6FF

■ DDFFFF

■ FAFFFF

■ 224A62

■ 224A62

■ 184662

■ 2C4E62

■ 0E4362

■ 365162

■ 053F62

■ 3F5562

■ 003D62

■ 495962

■ 535C62

■ 5D6062

■ 676462

■ 706762

■ 7A6B62

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0D4D5A



224A62



3B4563

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224A62



633B40



394B2F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



224A62



623A22

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4A4729



224A62



613D33

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224A62



5D3C4F



58422A



274D3C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224A62



49425F



58422A



3F4A2C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



224A62



667680



226239



303A40



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



224A62



1C5A80



222B62



2C2F30



004670



0096F0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62224A



801C5A



625922



302C2F



700046



F00096

Previews

White Background



This preview shows how the Hex color 224A62 looks on a white background.

Color Contrast Check

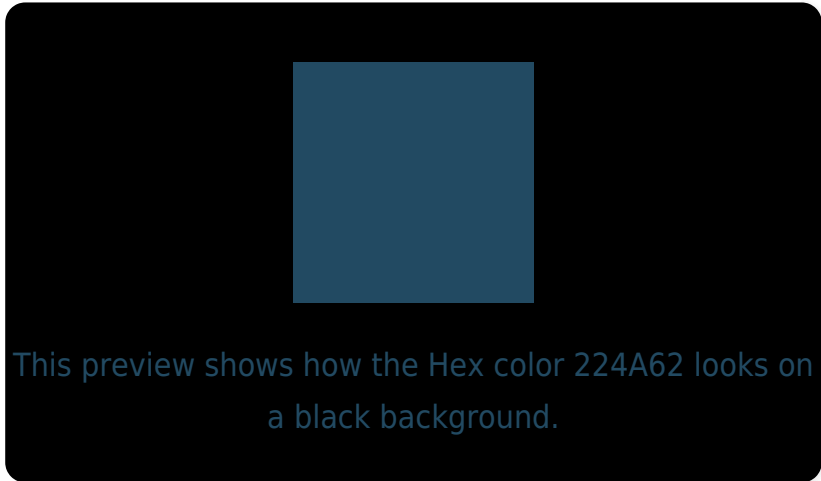
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

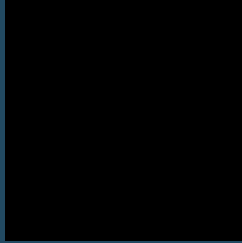
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 224A62 Background



This preview shows how black text looks on a background with the Hex color 224A62.



This preview shows how white text looks on a background with the Hex color 224A62.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

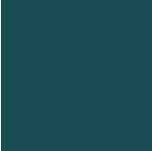
Dichromacy



Original Color
224A62

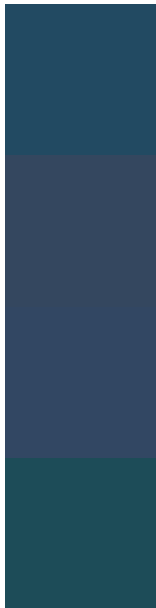
Protanopia
3F455E

Deuteranopia
3B4563



Tritanopia
1A4D53

Trichromacy



Original Color
224A62

Protanomaly
34475F

Deuteranomaly
324763

Tritanomaly
1D4C58

Monochromacy



Original Color
224A62

Achromatopsia
414141

Achromatomaly
36444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 224A62 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #224A62 looks like.

```
.text, #text, p{  
    color:#224A62  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #224A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224A62
}
```

Border

The CSS property to change the border of an element to Hex 224A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

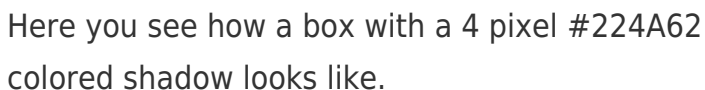
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#224A62 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#224A62 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #224A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224A62; -webkit-box-shadow:4px 4px  
4px 4px #224A62; box-shadow:4px 4px 4px  
4px #224A62 }
```

Background

The CSS property to change the background color of an element to Hex 224A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224A62 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#224A62 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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